



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 63268086 A

(43) Date of publication of application: 04.11.1988

(51) Int. Cl. G06K 17/00  
G06F 15/21, G07F 7/08

(21) Application number: 62103617  
(22) Date of filing: 27.04.1987

(71) Applicant: TOYO COMMUN EQUIP CO LTD  
(72) Inventor: NAKANO ISATO

(54) REGISTERING/COLLATING METHOD FOR  
PERSONAL IDENTIFICATION NUMBER OR  
THE LIKE

(57) Abstract:

**PURPOSE:** To prevent the illegal use of an identification number by recording a number replaced by a prescribed replacement rule on a card.

**CONSTITUTION:** An identification number B(6789) which is replaced with another identification number A(1234) by a prescribed replacement rule (1→6, 2→7, 3→8, 4→9) is recorded on a card 1. A card collator 2 obtains a number (6789) replaced with the number A(1234) from this input number A(1234) and replacement rule information (\*) 4. Then the collator 2 reads out the number B(6789) of the card 1 to compare this number with another number (6789) produced from replacement and decides that the user of the card 1

is correct when coincidence is obtained between both numbers. Thus the illegal use of cards is extremely reduced compared with a conventional card storing merely an identification number. As a result, the card reliability is improved.

COPYRIGHT: (C)1988,JPO&Japio

